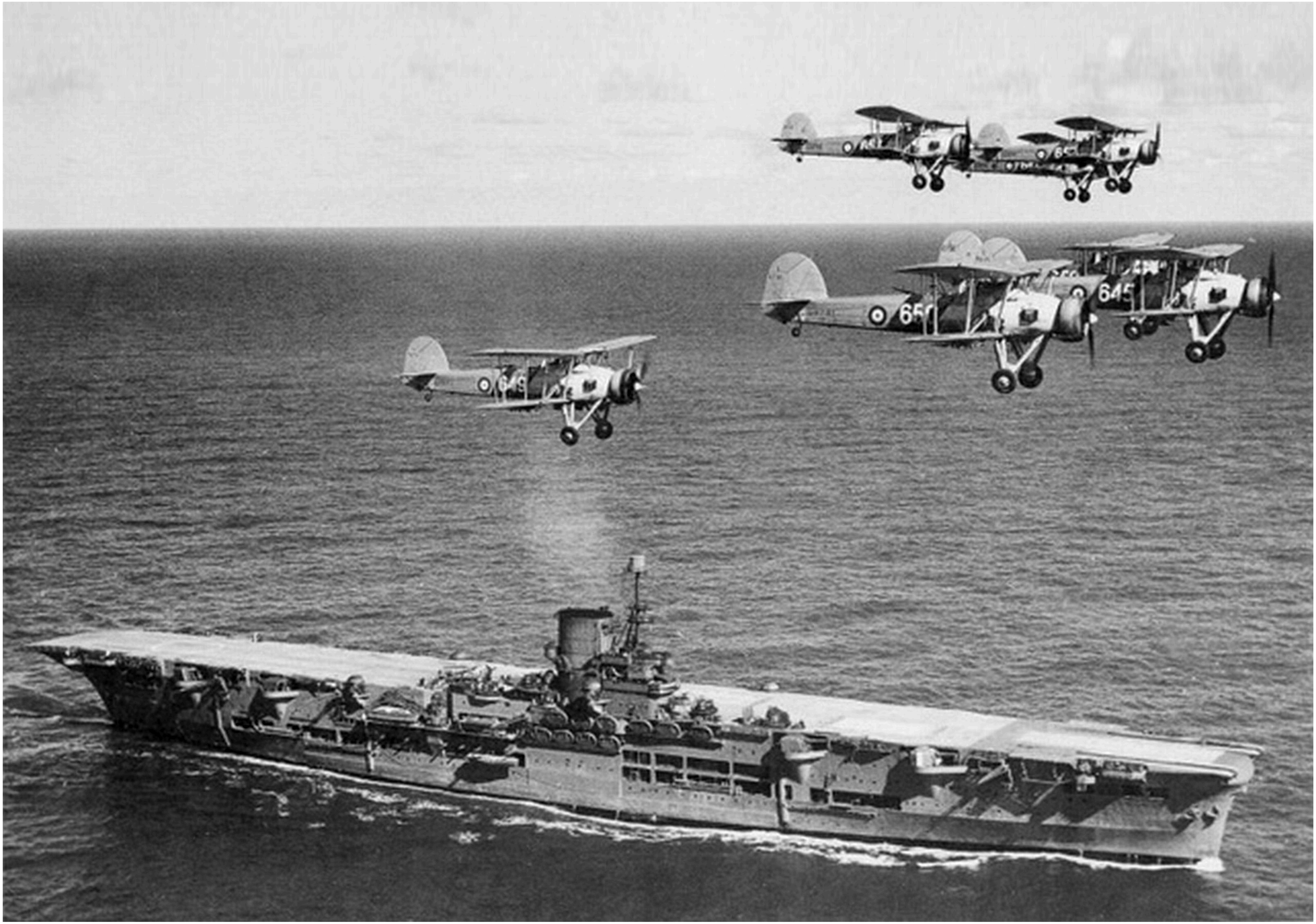
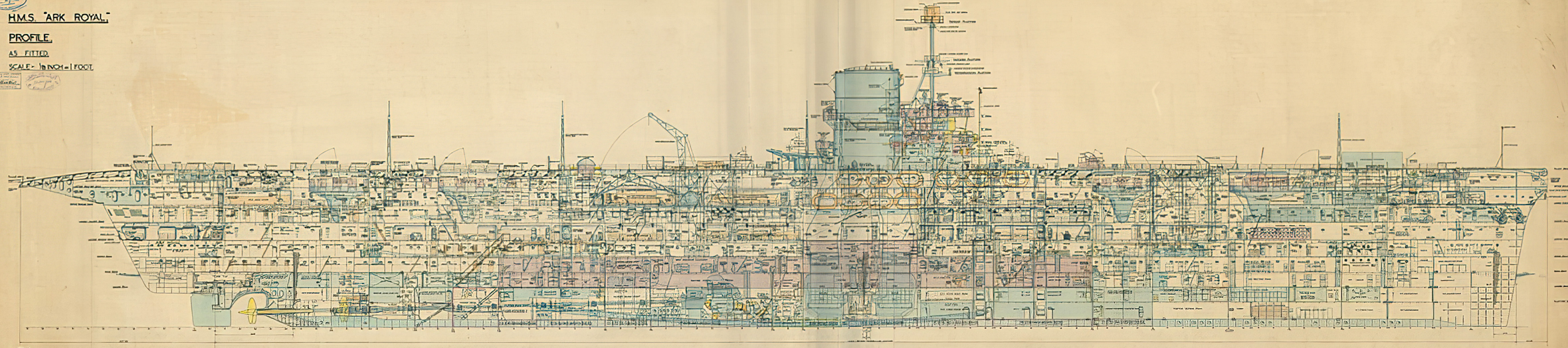

649
650
645

H.M.S. "ARK ROYAL."

PROFILE.

AS FITTED.

SCALE - ⅛ INCH = 1 FOOT.



A.F.I.

CURATOR 631370/1 NDA 5102 Ref No "ARK ROYAL" Class Box AS FITTED - ALL MODIFICATIONS Folder No. Volume No.

H. M. S. "ARK ROYAL."

BRIDGE STRUCTURE, NAVIGATING

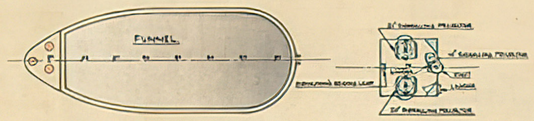
& CONTROL POSITIONS.

AS FITTED.

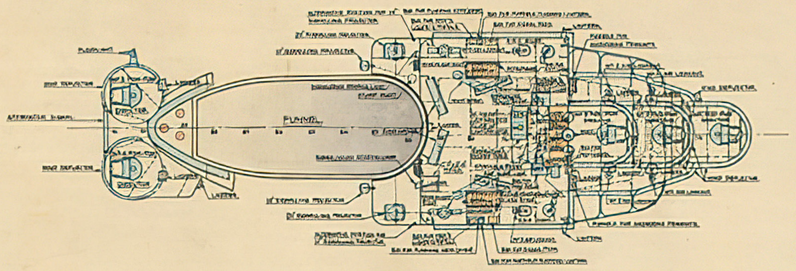
SCALE :- 1/8" = ONE FOOT.

ORIGINAL DRAWING OF H.M.S. "ARK ROYAL" ... BIRKENHEAD
CAMMELL LAIRD & CO. LTD. ... 15 DEC 1939 ... BIRKENHEAD

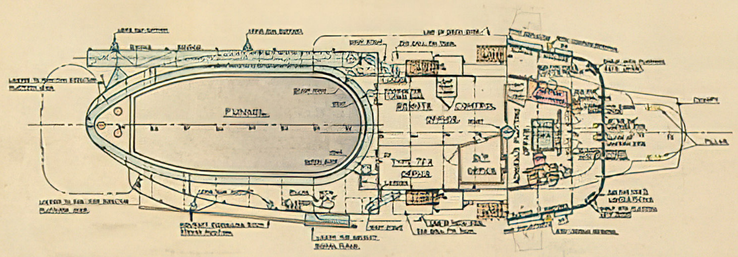
PLAN AT TOP OF SIGNAL HOUSE.



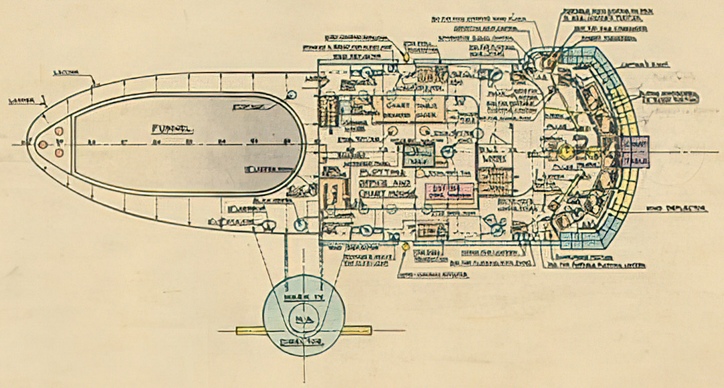
PLAN AT "D" DECK.



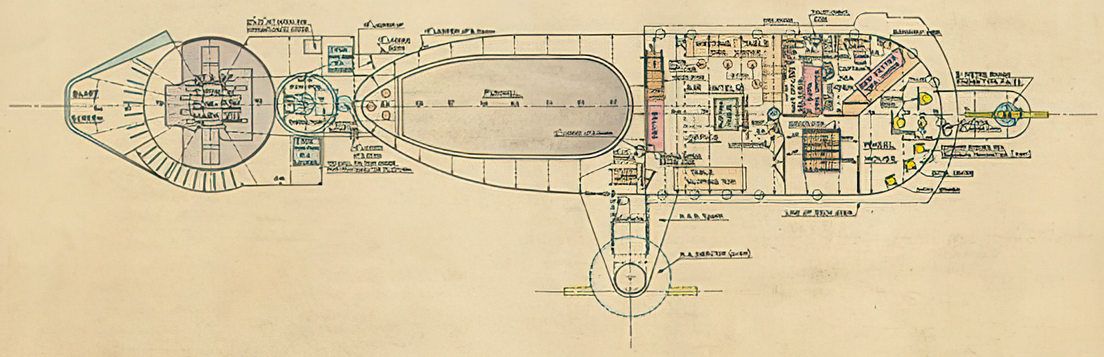
PLAN AT "C" DECK.



PLAN AT "B" DECK.

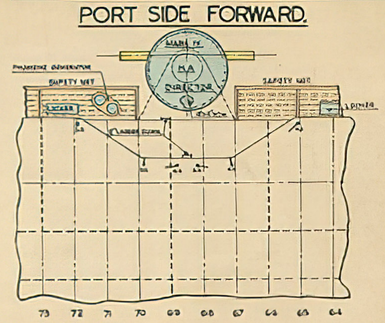


PLAN AT "A" DECK.

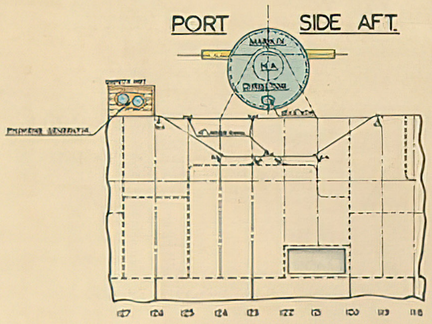


PART PLANS AT FLIGHT DECK SHEWING H. A. DIRECTOR CONTROL POSITIONS.

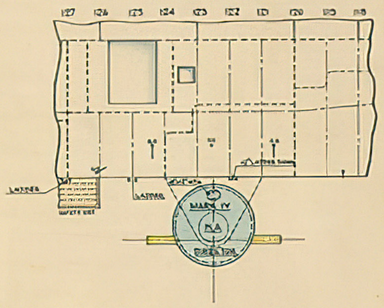
PORT SIDE FORWARD.



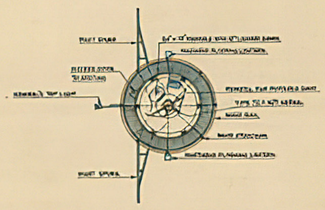
PORT SIDE AFT.



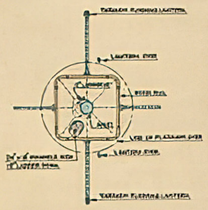
STARBD. SIDE AFT.



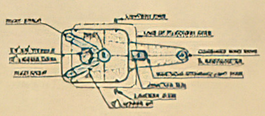
TOPMAST PLATFORM.



YARDARM PLATFORM.



METEOROLOGICAL PLATFORM.



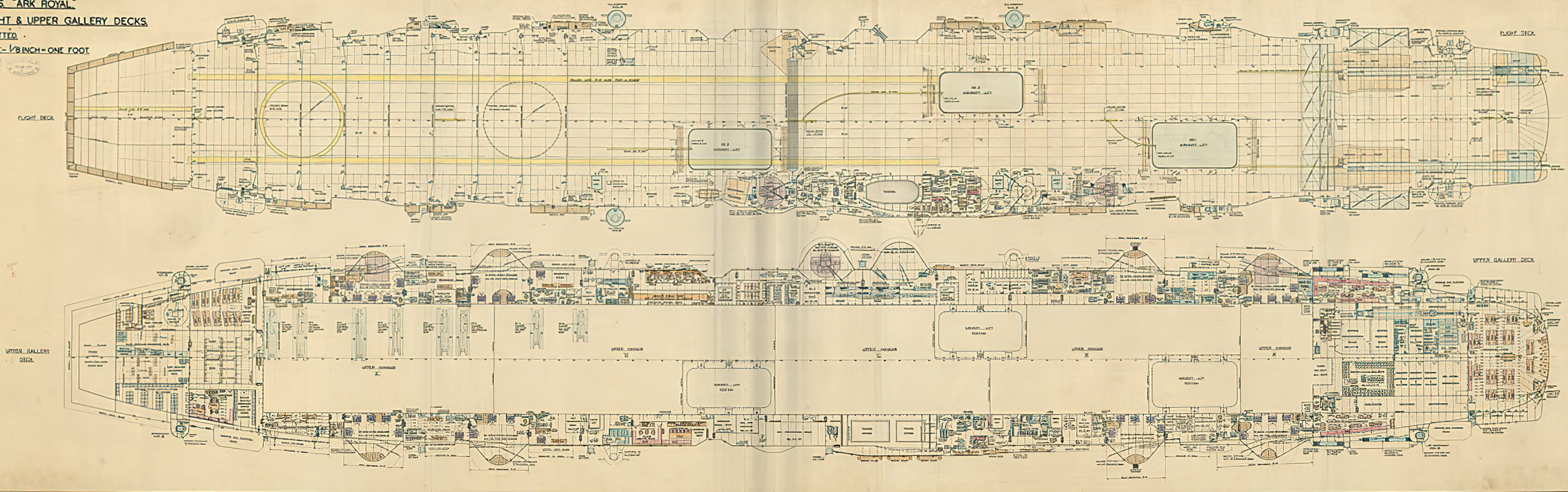
A. F. 7.

H.M.S. "ARK ROYAL"

FLIGHT & UPPER GALLERY DECKS

AS FITTED.

SCALE - 1/8 INCH = ONE FOOT.



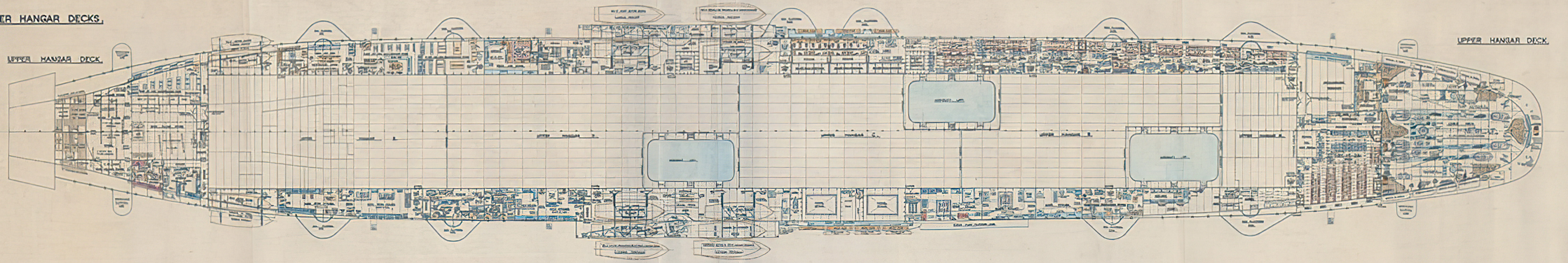
A.F.6.

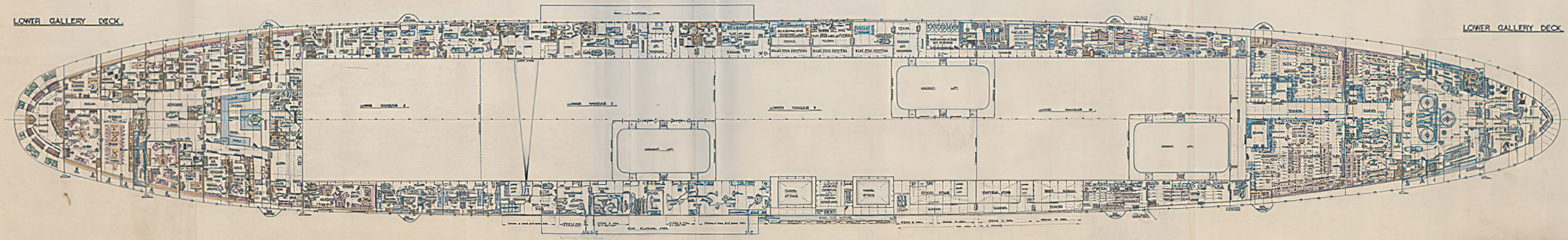
H.M.S. "ARK ROYAL"

LOWER GALLERY & UPPER HANGAR DECKS.

AS FITTED.

SCALE:- 1/8 INCH = ONE FOOT.





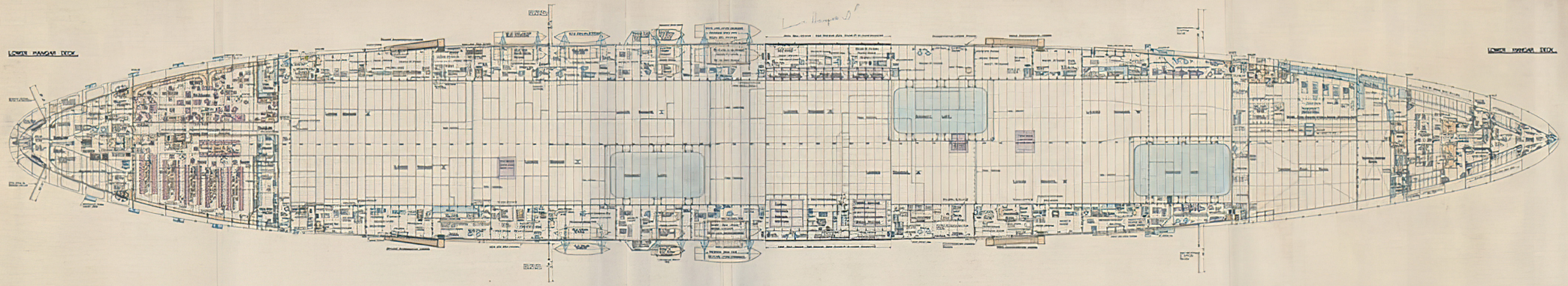
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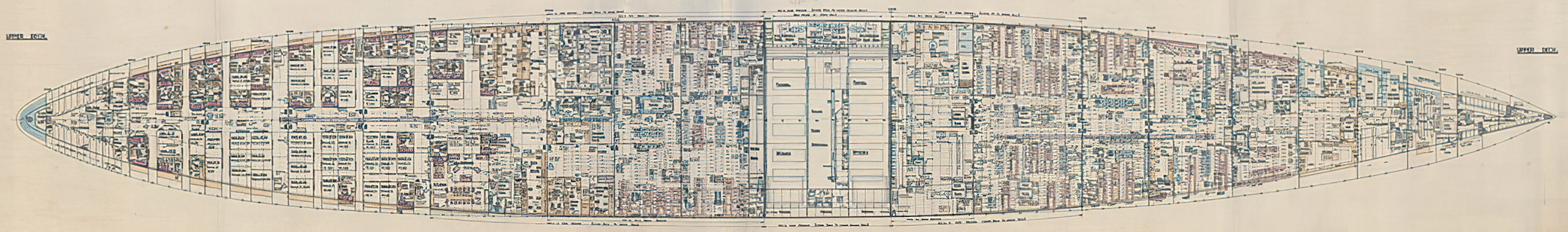
H.M.S. "ARK ROYAL"

LOWER HANGAR DECK & UPPER DECK.

(AS FITTED)

SCALE- ⅛ INCH = ONE FOOT.





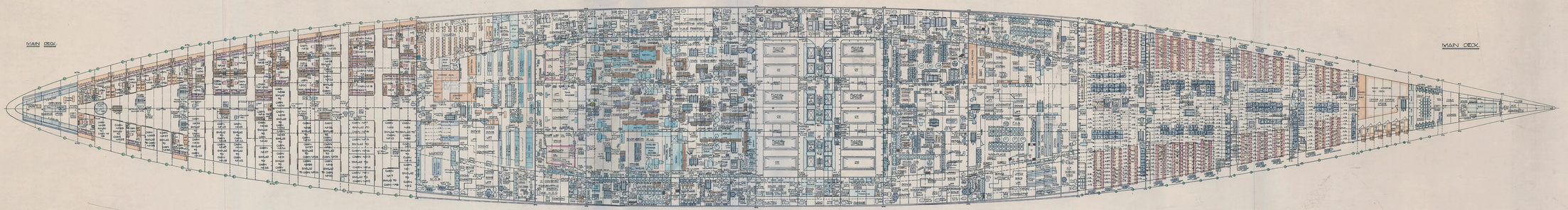
A.F. 4.

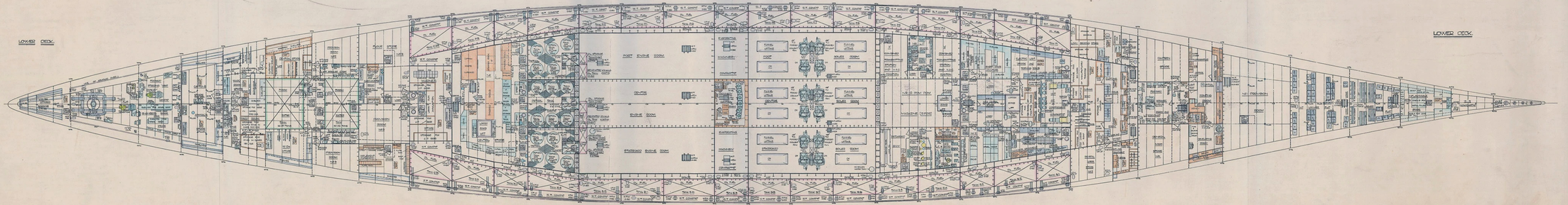
H.M.S. ARK ROYAL.

MAIN DECK & LOWER DECK.

AS FITTED.

SCALE:- 1/8" = ONE FOOT.





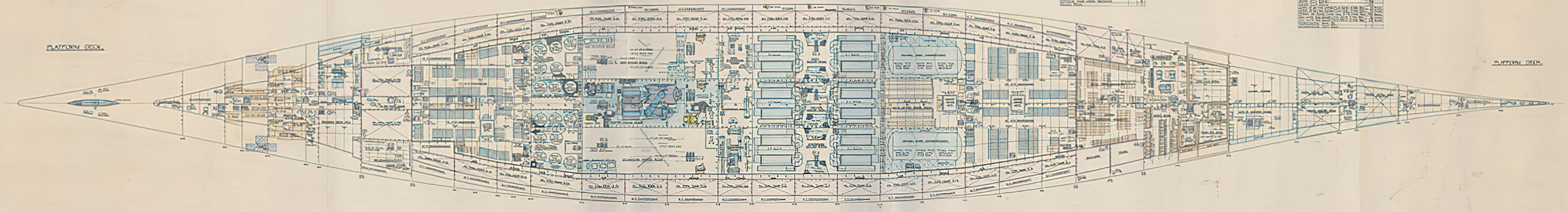
A.F.3.

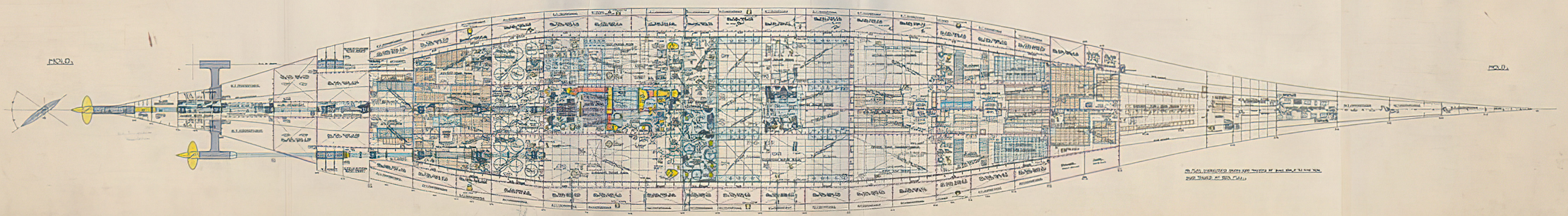
H.M.S. "ARK ROYAL"

PLATFORM DECK & HOLD

AS FITTED

SCALE:- 1/8 INCH = 1 FOOT





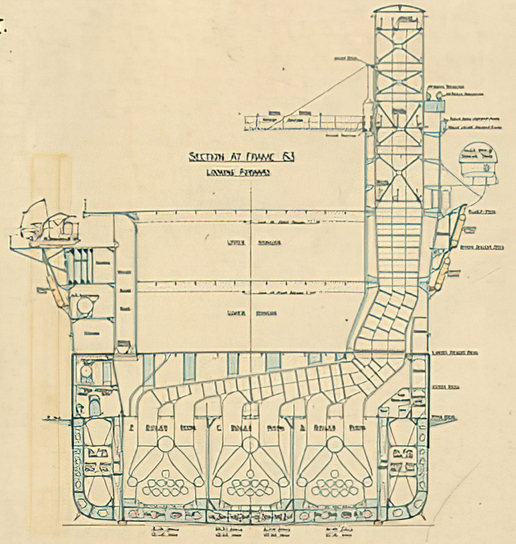
A.F. 2.

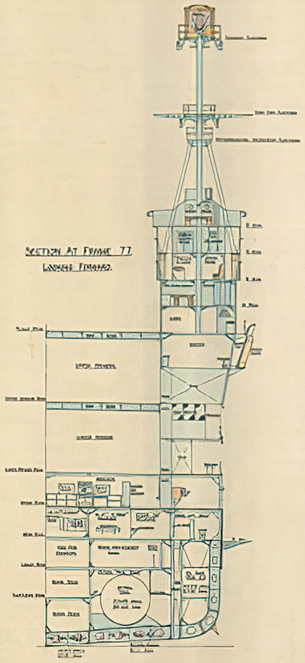
H. M. S. "ARK ROYAL".

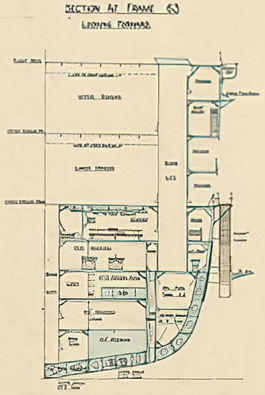
SECTIONS, FORWARD.

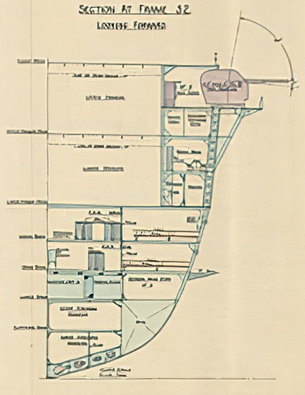
AS FITTED.

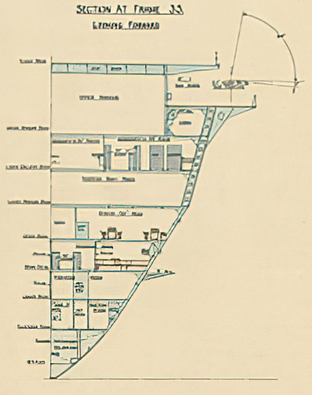
SCALE :- 1/8 INCH = 1 FOOT.

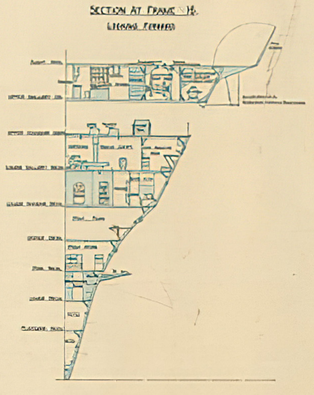












A.F. 8.

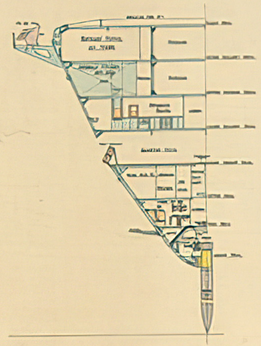
H.M.S. "ARK ROYAL."

SECTIONS, AFT.

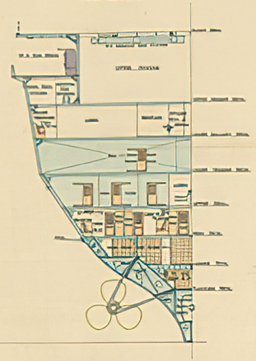
AS FITTED

SCALE:- ¼ INCH = 1 FOOT

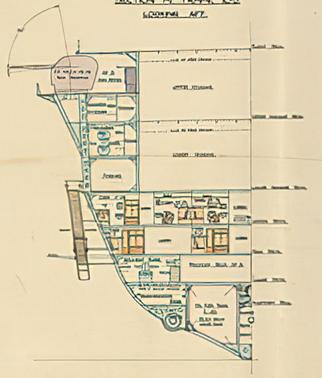
SECTION AT A.P
LOOKING AFT



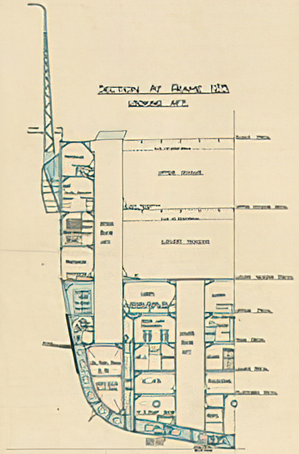
SECTION AT FRAME 92
LOOKING AFT



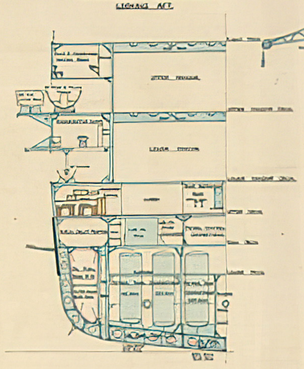
SECTION AT FRAME 108A
LOOKING AFT



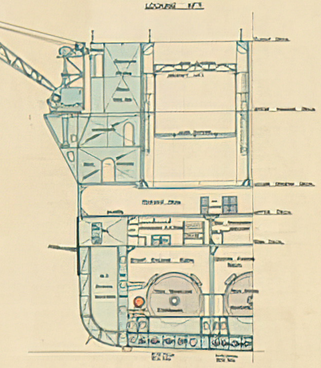
SECTION AT FRAME 123A
LOOKING AFT



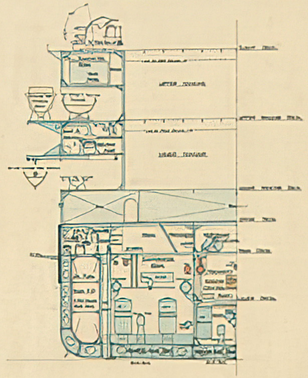
SECTION AT FRAME 118
LOOKING AFT



SECTION AT FRAME 103
LOOKING AFT



SECTION AT FRAME 87
LOOKING AFT

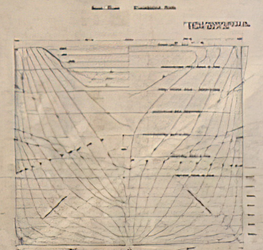


A.F. 9.

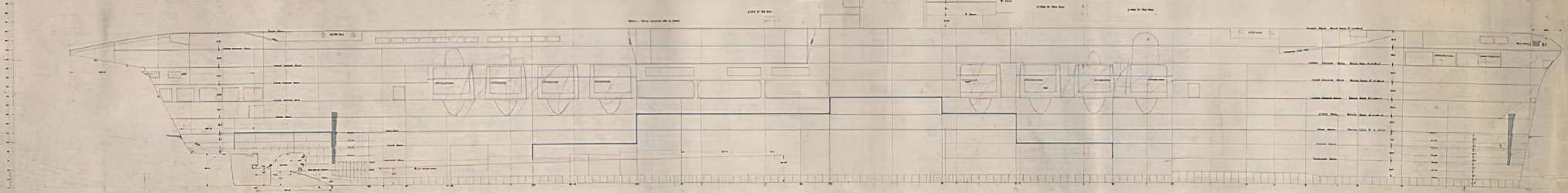
CONFIDENTIAL

AIRCRAFT CARRIER 1934
SHEER DRAWING.
SCALE 1/8 - ONE FOOT.

D.N.C.
ADMIRALTY
NOV. 1934.









PLAN Nº 4230.

H.M.S. 'ARK ROYAL'. (1934)

BODY PLAN.

SCALE. ¼" = 1 FOOT.

DRAWN TO MEAN THICKNESS OF SHELL AS FAIRED ON LOFT FLOOR.

Modified in Dies in accordance with Admiralty Letter M.E. 6043/34 Dated Feb 8th 1935

Note. Body Plan below Lower Hangar Deck is drawn to lines as faired on Mould Loft Floor, & local Reflections. Embrasures &c. have been omitted.

STARBOARD SIDE.

(Below Lower Hangar Deck)

PORT SIDE

(Below Lower Hangar Deck)

Flight Deck.

Upper Gallery Deck.

Upper Hangar Deck.

Lower Gallery Deck.

Lower Hangar Deck.

Note. Camber of all Decks ⅄ in 32'-0".

/ Side worked flat for a distance of 6'-0" square & 7'-0" forward of Centre Line of Aeroplane Centre Centre Portals to which Camber suddenly of this Section. Adjoining Curves worked out to normal Camber between Frames 24 & 28

Section 8 (Fore End) 4'-0" forward of N° 1 Compass (T.F.)

" 1 " 5'-0 " " " "

" A1 " 6'-0 " " " "

" C " 8'-0 " " " "

" B (After End) 20'-0" aft of N° 2 Compass (T.F.)

Dimensions

Length between Perps (1 & 31 Frames)	660'-0"	Displacement about	24,170 Tons.
Length on 'A' Waterline (28'-0" aft of 8 Bow)	720'-0"	Immersed Area	4 Acres
Length overall	800'-0"		
Breadth to Wide Portions of Shell at A.W.L.	94'-0"		
Depth to Flight Deck at Centre	85'-0"		

Breadth 94'-0"

Breadth (to Extreme Overhang) 97'-0"

Line of Keel

Line of Bottom of Shell

Line of Rudder Centre Line

Line of Propeller Centre Line

Line of Bilge Keel

Line of Bilge Keel

Line of Bilge Keel